DESIGNATOR
2.5-10x42 IR, w/ BUILT IN LASER

BARSKA®
SINCE 1994
VALUE. QUALITY. NEW TECHNOLOGY.

Integrated 5mw red laser sight built-in to the objective lens for double the targeting power.

WARNING: BE CERTAIN THAT YOUR FIREARM IS NOT LOADED AND POINTED AWAY FROM YOU IN A SAFE DIRECTION

ATTENTION: THIS BARSKA LASER SIGHT IS A POWERFUL TARGETING DEVICE THAT REQUIRES SPECIAL ATTENTION WHEN OPERATING. CAREFULLY READ THE FOLLOWING INSTRUCTIONS AND SAFETY PRECAUTIONS BEFORE USING THIS PRODUCT.

CAUTION: UNAUTHORIZED USE MODIFICATIONS OF ADJUSTMENTS OR PERFORMANCE OF PROCEDURE OTHER THAN SPECIFIED HEREIN MAY RESULT IN DANGEROUS/HAZARDOUS RADIATION EXPOSURE.

LASER LIGHT: AVOID DIRECT EYE EXPOSURE.

WARNING KEEP OUT OF REACH OF CHILDREN.

DO NOT POINT LASER AT PEOPLE, PETS, SHINY/HIGHLY REFLECTIVE SURFACES, AIRPLANES OR ANY OTHER OBJECT NOT INTENDED FOR DESIGNATED USE.

DESIGNATOR RIFLESCOPE

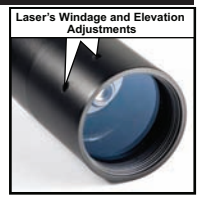
The Designator riflescope features an integrated 5mw red laser sight built-in to the objective lens for double the targeting power. The 5mw red laser is mounted vertically to the top inside of the riflescope objective lens with windage and elevation adjustments accessible externally above the objective lens. The integration of riflescope with a laser sight allows for three different target methods:

1. Designate your target with the red laser
2. Use the reticle to zero in on the target
3. Combination of the riflescope reticle with the laser

LASER WINDAGE & ELEVATION

The windage and elevation adjustments can accessed externally above the objective lens.

1. Use the included allen wrench to turn the windage and elevations adjustments screws clockwise or counter clockwise.
2. Using the windage and elevation adjustments zero the laser dot in at the set distance you will be targeting. When changing shooting distance you will need to reset the elevation.



ZEROING THE LASER

The laser first needs to be aligned with the path of the pellet/bullet to do this follow the steps as described below.

1. Activate the laser by turning the rheostat adjustment knob to L (Laser) .
2. From a bench rest position, fire three shots at the center of a target.
3. Observe where the pellets or bullets strike the target. Keeping the laser dot pointing at the center of the target and using the windage and elevation adjustment screws located on top of the objective lens, move the laser dot to the center of the group formed by the three shots previously fired. Fire three more shots and note the points of impact on the target. Make additional adjustment of the laser as necessary.

DESIGNATOR RETICLE

The Designator scope is equipped with an illuminated Designator Reticle the following will give you an insight on how to work the reticle and how to distinguish the range between you and the target.

Fig 1.

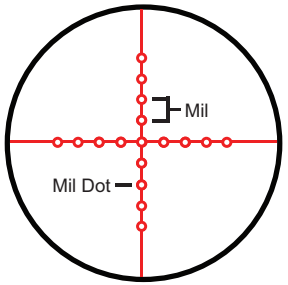
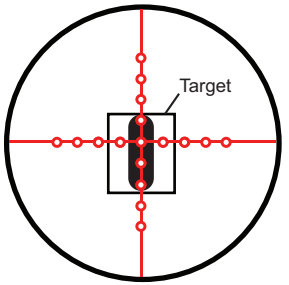


Fig 2.



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What is a Designator Reticle?
Figure 1 is an example of a Designator Reticle. The dots in the reticle are known as Mil-Dots. Mils are the increments measured between the centers of a Mil-Dot

Distance Between You And Your Target
1 Mil equals 3.6 inches @ 100yds, this can vary. Let's say that a 6ft Target covers 4 mils in your reticle. Convert your target to yards, now you have 2yds. Now multiply your 2yds. by 1000. Now you have 2000yds. Now divide 2000yds by the number of mils that covers the target (4). You're left with 500yds. That is the distance between you and the Target (see the figure to the Right). The mil dot setting for the reticle is 10x. Below is the formula for calculating the distance between you and the target

$$\frac{\text{Height Of Target (yards)} \times 1000 = \text{Range (yards)}}{\text{Height Of Target (Mils)}} = \text{Distance To Target In yards}$$

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